

CLEC4M antibody - middle region

Rabbit Polyclonal Antibody Catalog # Al12147

Specification

CLEC4M antibody - middle region - Product Information

Application WB
Primary Accession O9H2X3

Other Accession NM 001144906, NP 001138378

Reactivity Human, Pig, Horse Predicted Human, Pig, Horse

Host Rabbit
Clonality Polyclonal
Calculated MW 30kDa KDa

CLEC4M antibody - middle region - Additional Information

Gene ID 10332

Alias Symbol CD299, LSIGN, CD209L, L-SIGN, DCSIGNR,

HP10347, DC-SIGN2, DC-SIGNR, MGC47866,

MGC129964, CLEC4M

Other Names

C-type lectin domain family 4 member M, CD209 antigen-like protein 1, DC-SIGN-related protein, DC-SIGNR, Dendritic cell-specific ICAM-3-grabbing non-integrin 2, DC-SIGN2, Liver/lymph node-specific ICAM-3-grabbing non-integrin, L-SIGN, CD299, CLEC4M, CD209L, CD209L1, CD299

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-CLEC4M antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

CLEC4M antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

CLEC4M antibody - middle region - Protein Information

Name CLEC4M

Synonyms CD209L, CD209L1, CD299

Function

Probable pathogen-recognition receptor involved in peripheral immune surveillance in liver. May mediate the endocytosis of pathogens which are subsequently degraded in lysosomal compartments. Is a receptor for ICAM3, probably by binding to mannose-like carbohydrates.



Cellular Location

[Isoform 1]: Cell membrane; Single- pass type II membrane protein [Isoform 3]: Cell membrane; Single- pass type II membrane protein [Isoform 6]: Secreted. [Isoform 10]: Secreted.

Tissue Location

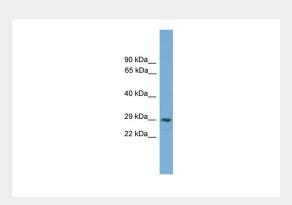
Predominantly highly expressed in liver sinusoidal endothelial cells and in lymph node. Found in placental endothelium but not in macrophages. Expressed in type II alveolar cells and lung endothelial cells.

CLEC4M antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

CLEC4M antibody - middle region - Images



WB Suggested Anti-CLEC4M Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: MCF7 cell lysate